## NOMENCLATURAL STATUS OF THE FORAMINIFERAL GENUS CUBANELLA SAIDOVA, 1981

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The Carpenteriinae, as defined by Saidova (1981) contains *Carpenteria* Gray, 1858, *Haerella* Belford, 1960, *Carpenterella* Bermudez, 1949, and *Cubanella* Saidova, 1981. *Carpenterella* Bermudez is a junior homonym of *Carpenterella* Collenette in Collenette and Hale-Carpenter 1933, and was renamed *Bermudezella* by Thalmann (1951). Loeblich and Tappan (1964) considered *Bermudezella* and *Haerella* junior synonyms of *Carpenteria*.

Saidova (1981) established the genus *Cubanella* and selected *Carpenteria cubana* (Cushman and Bermudez, 1936) as the type-species. Originally this species was described as the type and only member of *Neocarpenteria* by Cushman and Bermudez (1936), and they differentiated *Neocarpenteria* from *Carpenteria* based on its large, semicircular aperture with distinct lip. Loeblich and Tappan (1964) noted that the aperture of the type-specimen of *Neocarpenteria cubana* was an irregular artifact of the broken final chamber. Loeblich and Tappan (1964:C708) further added, "As the type species of *Carpenteria* does not grow upward into a cylindrical form and the apertural distinction is nonexistent, the name *Neocarpenteria* is a junior synonym [of *Carpenteria*]." *Cubanella* Saidova is a junior objective synonym of *Neocarpenteria* (International Code of Zoological Nomenclature, ICZN, Article 61b) with *Neocarpenteria* a junior subjective synonym of *Carpenteria* (Loeblich and Tappan, 1964). *Cubanella* Saidova also is a junior homonym of *Cubanella* Pelegrin Franganillo (1926), an arachnid.

Cubanella Saidova 1981, cannot be given a new name (ICZN, Article 60), but is to be replaced by Carpenteria, the oldest available synonym (ICZN, Article 60a); or if the synonymy of Neocarpenteria and Carpenteria is rejected, by Neocarpenteria.

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## Literature Cited

- Belford, D. J. 1960. Upper Cretaceous Foraminifera from the Toolonga calcitutite and Gingin Chalk, western Australia.—Australian Bureau of Mineral Resources, Geology and Geophysics, Bulletin 57, 198 pp.
- Bermudez, P. J. 1949. Tertiary smaller Foraminifera of the Dominican Republic.—Cushman Laboratory of Foraminiferal Research, Contributions, Special Publication 25, 322 pp.
- Collenette, C. L., and G. D. Hale-Carpenter. 1933. New species and description of larva of Lymantriidae from Uganda.—Entomology Monthly Magazine 69:258–270.
- Cushman, J. A., and P. J. Bermudez. 1936. New genera and species of Foraminifera from the Eocene of Cuba.—Cushman Laboratory of Foraminiferal Research, Contributions 12(2):27–63.
- Gray, J. E. 1858. On Carpenteria and Dujardina, two genera of a new form of Protozoa with attached

- multilocular shells filled with sponge, apparently intermediate between Rhizopoda and Porifera.—Zoological Society of London, Proceedings 26:266–271.
- Loeblich, A. R. Jr., and H. Tappan. 1964. Treatise on Invertebrate Paleontology, Part C, Protista 2, Chiefly Thecamoebians and Foraminiferida (ed. R. C. Moore).—University of Kansas Press, Lawrence, 900 pp.
- Pelegrin Franganillo, R. P. 1926. Nuevos o poco conocidos de la isla de Cuba.—Boletin Sociedad Entomologica Espana 9(3-4):42-68.
- Saidova, Kh. M. 1981. O sovremennom sosteyanii sistemy Nadvidovykh Taksonov Kajnozojskihh bentosnykh foraminifer.—Akademiia Nauk SSSR Isstytut Okeanologiia, 73 pp.
- Thalmann, H. E. 1951. Mitteilungen uber Foraminiferen.—Eclogae Geologicae Helvetiae, pt. 9(43):221-225.

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